

Milestones That Lie Ahead and Next Steps



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Overview

- State Implementation Plans (SIPs)
- Control Measures
- White Papers



State Implementation Plan

- Deadlines -

Sept 15, 2006	Reasonably Available Control Technology (RACT)
March 31, 2007	Abbreviated SIP in response to the Clean Air Interstate Rule (CAIR) FIP
June 15, 2007	Ozone Attainment Demonstration
December 31, 2007	Regional Haze
December 31, 2007*	Best Available Retrofit Technology (BART)
April 5, 2008	PM _{2.5} Attainment Demonstration

Action Timeline

Summer 2006	Propose Reasonably Available Control Technology (RACT) SIP
Summer 2006	Propose Mandatory Retrofit Rule
Summer 2006	Hearing on non-road diesel fuel availability
Fall 2006	Propose Abbreviated Clean Air Interstate Rule (CAIR) FIP - Allocation Methodology
Winter 2006/7	Propose Ozone Attainment Demonstration
Winter 2006/7	Adopt Mandatory Retrofit Rule
Winter 2006/7	Submit Clean Air Interstate Rule (CAIR) SIP

Action Timeline (Continued)

Spring 2007	Submit Reasonable Available Control Technology SIP
Summer 2007	Propose Regional Haze SIP
Summer 2007*	Propose Best Available Retrofit Technology (BART) SIP
Summer 2007	Submit Ozone Attainment SIP
Fall 2007	Propose PM _{2.5} Attainment Demonstration

Action Timeline (Continued)

Spring 2008	Submit PM _{2.5} Attainment SIP
Winter 2007/8	Submit Regional Haze SIP
Spring 2008*	Submit Best Available Retrofit Technology (BART) SIP

Regional Game Plans

- Mid-Atlantic/North East Visibility Union (MANE-VU) - May 2006 Meeting
- Ozone Transport Commission (OTC) - June 2006 Meeting
- Ozone Transport Commission (OTC) - Fall 2006

MANE-VU May 2006 Meeting

- Reasonable Progress Goal Definition
 - 4-Factor Analysis to Define the Reasonable Progress Goal
- Control Measures
 - Best Available Retrofit Technology (BART) to Applicable Units
 - Regional Heating Oil measure
 - Electric Generating Utilities (EGUs)
 - Other OTC measures

What Are the Four Factors

- Costs of Compliance
- The Time Necessary for Compliance
- The Energy and Non-Air Quality Impacts
- The Remaining Useful Life of Potentially Affected Sources

BART Sources in New Jersey

PSE&G – Hudson
Chevron Products Company
Amerada Hess Corporation – Port Reading
Conoco Phillips – Bayway Refining Company
Coastal Eagle Point Oil Company
Kinder Morgan Corporation – Carteret
General Chemical Corporation

Other Elements of the Regional Haze State Implementation Plan

- Smoke Management Plan
- Construction Mitigation Plan
- Monitoring Strategy

OTC June 2006

Anticipated Actions

- Model Rules
 - Consumer Products (based on 2005 adopted CARB rule amendments)
 - Diesel Chip Reflash (based on NESCAUM drafted rule)
 - Industrial Adhesives (based on 1998 adopted CARB rule)
 - Portable Fuel Containers (based on 2006 adopted CARB rule amendments)

OTC June 2006

Anticipated Actions (Continued)

- Control Limits
 - Asphalt Paving (emulsified and cutback)
 - Asphalt Production
 - Cement Kilns (none in New Jersey)
 - Glass Manufacturing
- Control Measures Under Development
 - Industrial, Commercial, and Institutional (ICI) Boilers
 - Electric Generating Units (EGUs)
 - Regional Fuel

OTC Fall 2006

Anticipated Actions

- Electric Generating Utility Strategy
 - Clean Air Interstate Rule (CAIR) Plus
 - High Electric Demand Day Strategy



NJDEP
SIP Development
Team

Reasonable Available Control Technology (RACT) GAME PLAN

- Objective - Update Rules to Reflect Advances in Control Technology Over the Past 10 - 30 years
- SIP will:
 - Indicate Source Categories and Areas of Advances
 - Commit to Propose Rules and Adopt Subject to NJ Administrative Procedure Act (APA) Procedures (Public Comments)
 - Declaration: No Advances for Other Categories and No Sources in Specific Categories
 - Call On the USEPA to Meet its Clean Air Act (CAA) Obligation to Update its Guidelines (Control Technology Guidelines, Alternate Control Technologies, etc.)

RACT Source Categories

- OTC Regional
 - Asphalt Paving
 - Asphalt Production
 - Industrial Adhesives
 - Glass Furnaces
 - Industrial, Commercial and Institutional (ICI) Boilers
- MARAMA Regional
 - Petroleum Refineries
- New Jersey Investigations
 - Above Ground Storage Tanks
 - Industrial Surface Coatings
 - Compression Ignition Internal Combustion Engines

Wood Burning Game Plan

- Woodstoves
- Fireplace Inserts
- Outdoor Wood Boilers
- Outdoor Burning
- Other
 - High Pollution Day Strategy
 - Municipal Ordinances



Electric Generating Unit Game Plan

- Clean Air Interstate Rule (CAIR) & Regional CAIR Plus
- Performance Standards
- High Electrical Demand Strategy
- Transport
- Board of Public Utilities (BPU) Clean Energy Program
- BPU Renewable Portfolio Standards

Vehicles/Equipment and Fuels Game Plan

- Diesel
 - New Engine Standards
 - Federal Fuel Standards
 - Chip Reflash for Non-Compliant Engines
 - Inspection and Maintenance (I/M) Program Enhancements and Expansion
 - Mandatory Retrofits
 - Voluntary Retrofits
 - Idling Reduction Strategy

Vehicles/Equipment and Fuels Game Plan

- Gasoline
 - Implement Low Emission Vehicle Program
 - Encourage Early Introduction of Cleanest Vehicles
 - Federal Fuel Standards
 - Relook at the I/M Program
 - Expecting the USEPA's Regulations on Small Off-Road Spark Ignited Engines

Heating Oil Game Plan

- Regional Effort
- Low Sulfur Content
- Provide Incentives for the Use of Cleaner and More Fuel Efficient Furnaces
- Provide Incentives for the Use of Alternative Fuels

White Papers

- Basis for Action
- Previously discussed Regional and Local “Game Plans” over half of the white papers
- Comment period open on all white papers until June 16, 2006
- Comments will be considered by the NJDEP as we move forward to finalize our attainment plans.

Continuing Outreach Efforts

- Anticipate Forming Stakeholder Teams to Address Implementation Issues
 - For example, an anticipated rule stakeholder team for Electric Generating Units (EGUs) would consider:
 - Updates to the NOx Budget Program
 - CAIR Allocation Methodology

